Willow and Chestnut Progression in Computing

Term 1	Term 2	Term 3
e-Safety R I can be kind to my friends. R I am careful with technology devices. 1 I can talk about why it's important to be kind and polite. 2 I can agree and follow sensible e-Safety rules. 2 I can talk about why it is important to be kind and polite online and in real life. 2 I know that not everyone is who they say they are on the Internet.	**e-Safety** R I can ask an adult when I want to use the Internet. R I can tell an adult when something worrying or unexpected happens while I am using the Internet. 1 I can keep my password private. 1 I can tell you what personal information is. 1 I can tell an adult when I see something unexpected or worrying online. 2 I can explain why I need to keep my password and personal information private. 2 I can describe the things that happen online that I must tell an adult about.	**e-Safety** R I can talk about the amount of time I spend using a computer / tablet / game device. 1 I can recognise an age appropriate website. 2 I can talk about why I should go online for a short amount of time.
Programming R I can make a floor robot move. 1 I can give instructions to my friend and follow their instructions to move around. 1 I can describe what happens when I press buttons on a robot. 1 I can press the buttons in the correct order to make my robot do what I want. 2 I can give instructions to my friend (using forward, backward and turn) and physically follow their instructions. 2 I can tell you the order I need to do things to make something happen and talk about this as an algorithm.	**Programming** R I can use simple software to make something happen. 1 I can describe what actions I will need to do to make something happen and begin to use the word algorithm. 1 I can begin to predict what will happen for a short sequence of instructions. 2 I can program a robot or software to do a particular task. 2 I can look at my friend's program and tell you what will happen.	**Programming** R I can make choices about the buttons and icons I press, touch or click on. 1 I can begin to use software/apps to create movement and patterns on a screen. 1 I can use the word debug when I correct mistakes when I program. 2 I can use programming software to make objects move. 2 I can watch a program execute and spot where it goes wrong so that I can debug it.

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Technology in our lives	Handling Data	Technology in our lives
R I can tell you about technology that is used at home and in school. R I can operate simple equipment. 1 I can recognise the ways we use technology in our classroom. 1 I can recognise ways that technology is used in my home and community. 1 I can begin to identify some of the benefits of using technology. 2 I can tell you why I use technology in the classroom. 2 I can tell you why I use technology in my home and community.	R I can tell you about different kinds of information such as pictures, video, text and sound. 1 I can talk about the different ways in which information can be shown. 1 I can use technology to collect information, including photos, video and sound. 2 I talk about the different ways I use technology to collect information, including a camera, microscope or sound recorder. 2 I am starting to understand a branching database.	R I can use a safe part of the Internet to play and learn. 1 I can use links to websites to find information. 2 I am starting to understand that other people have created the information I use. 2 I can identify benefits of using technology including finding information, creating and communicating. 2 I can talk about the differences between the Internet and things in the physical world.
Multimedia	**Multimedia**	**Handling Data**
R I can move objects on a screen. 1 I can be creative with different technology tools. 1 I can use technology to create and present my ideas. 2 I can use technology to organise and present my ideas in different ways. 2 I can use the keyboard on my device to add, delete and space text for others to read.	R I can create shapes and text on a screen. R I can use technology to show my learning. 1 I can use the keyboard or a word bank on my device to enter text. 1 I can save information in a special place and retrieve it again. 2 I can tell you about an online tool that will help me to share my ideas with other people. 2 I can save and open files on the device I use.	R I can tell you about different kinds of information such as pictures, video, text and sound. 1 I can sort different kinds of information and present it to others. 1 I can add information to a pictograph and talk to you about what I have found out. 2 I can make and save a chart or graph using the data I collect. 2 I can talk about the data that is shown in my chart or graph. 2 I can tell you what kind of information I could use to help me investigate a question.